

Everglades Cooperative Invasive Species Management Area



Welcome/Year in Review

Dennis J. Giardina - FWC

LeRoy Rodgers - SFWMD

22nd Annual Meeting

2025 ECISMA Coordination Meeting

June 22nd – 23rd, 2025



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM OF UNDERSTANDING

AGREEMENT NO. 4600004168

BETWEEN THE

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
AND
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
AND
UNITED STATES ARMY CORPS OF ENGINEERS
AND
UNITED STATES FISH AND WILDLIFE SERVICE
AND
UNITED STATES NATIONAL PARK SERVICE**

THIS MEMORANDUM OF UNDERSTANDING (MOU) is entered into as of _____ by and between the South Florida Water Management District (**DISTRICT**), Florida Fish and Wildlife Conservation Commission (**FFWCC**), United States Army Corp of Engineers (**USACE**), United States Fish and Wildlife Services (**USFWS**), United States National Park Service (**USNPS**), Broward County Board of County Commissioners (**BROWARD COUNTY**), and Miami-Dade County Board of County Commissioners (**MIAMI-DADE COUNTY**).

WHEREAS, the **DISTRICT** is a government entity created by Chapter 373, Florida Statutes; and

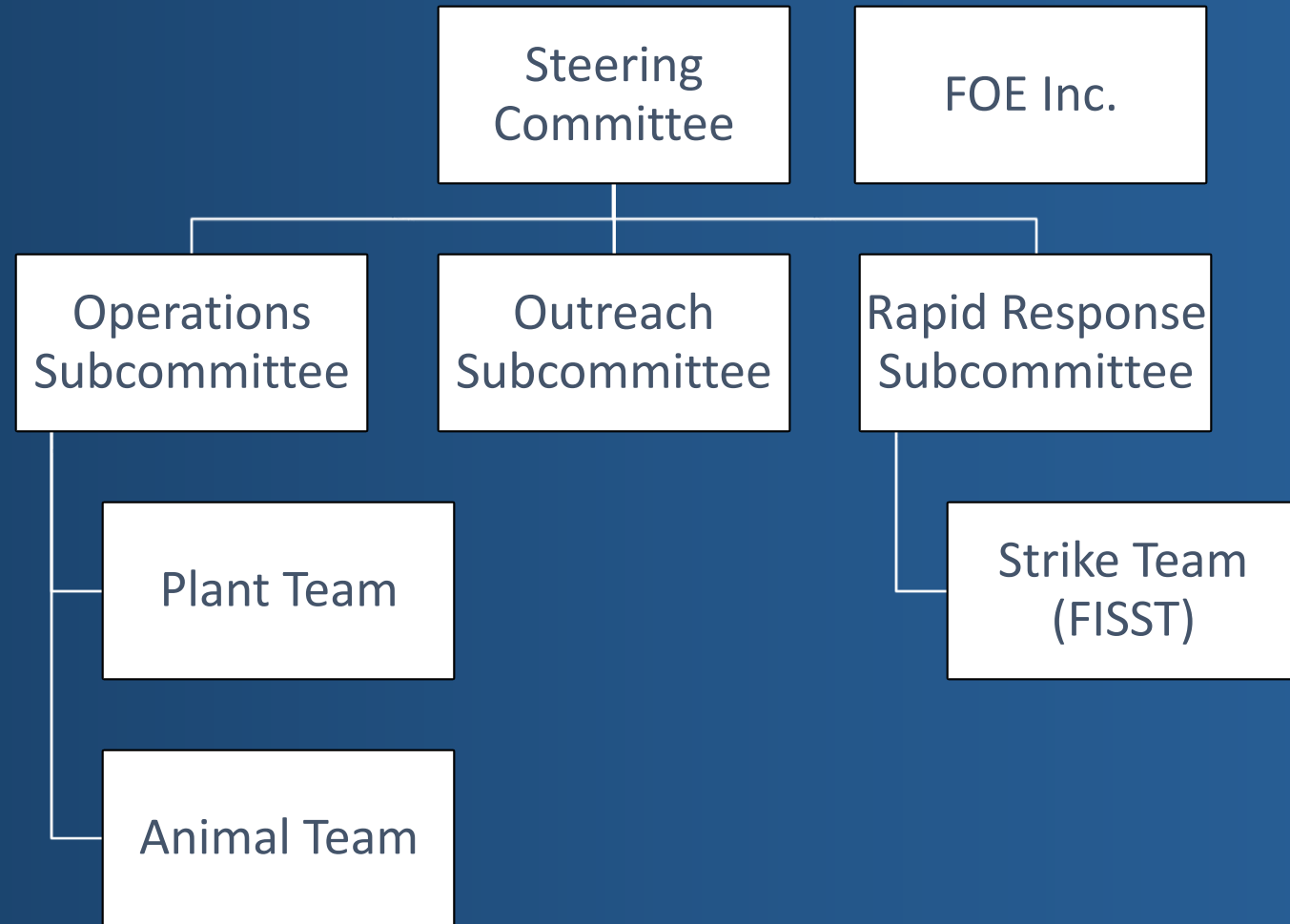
WHEREAS, the **DISTRICT**, **FFWCC**, **USACE**, **USFWS**, **USNPS**, **BROWARD COUNTY**, and **MIAMI-DADE COUNTY** may hereinafter also be referred to individually as "**PARTY**" and collectively as "**PARTIES**"; and

WHEREAS, each **PARTY** to this **MOU** has invasive species control responsibilities on lands within the Everglades region, which include but are not limited to: maintaining personnel and equipment for the purpose of controlling invasive plants and/or animals within their jurisdiction; administering programs involving invasive species control; and making recommendations for treatment; and

WHEREAS, the Everglades Forever Act of 1994 (§373.4592, Florida Statutes) directs the **DISTRICT** to coordinate with federal, state, or other governmental entities to establish a program to control the expansion of and for the removal of exotic species; and



Everglades CISMA Organization Chart





USDA Invasive Research Lab along with Broward County staff removing the incised halberd fern (*Tectaria incisa*) organized by Jimmy Lange.



Invasive plant removal and restoration plantings at Fern Forest Nature Center.





2025 ECISMA Coordination Meeting

Everglades Cooperative Invasive Species Management Area

Hosted at: Long Key Nature Center

3501 SW 130th Ave., Davie, FL 33330

Tuesday, July 22nd – Wednesday, July 23rd, 2025

Tuesday, July 22nd

8:30 to 9:00 am (30 min)	Sign In, Settle In	<i>Moderator: Eric Suarez (UF)</i>
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9:00 to 9:20 am (20 min)	Year in Review	LeRoy Rodgers (SFWM) and Dennis Giardina (FWC)
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9:20 to 9:30 am (10 min)	Welcome Address	Drew Bartlett (SFWM)
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REPORTING AND OUTREACH

9:30 to 9:50 am (20 min)	EDDMapS/IveGot1, Outreach	Chuck Barger (UGA) & Eric Suarez (UF)
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INVASIVE PLANT RESEARCH

9:50 to 10:10 am (20 min)	Updates on Invasive Plant Management Research	Patrick Belk (UF) and Stephen Enloe (UF)
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10:10 to 10:30 am (20 min)	Avian Vacuolar Myelinopathy Update	Susan Wilde (UGA)
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10:30 to 10:50 am (20 min)	Progress with Biological Control Efforts Against Invasive Weeds of the Everglades	F. Allen Dray Jr. (USDA)
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10:50 to 11:10 am (20 min)	Neonative Plant Research	Jimmy Lange (Fairchild Tropical Botanic Garden)
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11:10 to 11:30 am (20 min)	Break	
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INVASIVE SPECIES HOT TOPICS

11:30 to 11:50 am (20 min)	Everglades Invasive Reptile and Amphibian Monitoring Program (EIRAMP): Incorporating Innovative Tools for Invasive Species Research and Management	Frank Mazzotti (UF) and Melissa Miller (UF)
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11:50 am to 12:10 pm (20 min)	Caecilians in Florida	Coleman Sheehy (UF)
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12:10 to 1:10 pm (1 hr)	Lunch (Provided by Dennis Giardina and Family)	
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INVASIVE SPECIES HOT TOPICS CONTINUED

Collaboration Operations
RESEARCH
OUTREACH



Everglades Cooperative Invasive Species Management Area

Aetokthonotoxins

Dr. Susan Wilde - UGA



Everglades Cooperative Invasive Species Management Area

Caecilians in Florida

Coleman Sheehy - UF



PHOTO COURTESY OF NOAH MUELLER



Neonatives

Jimmy Lange – FTBG



Everglades Cooperative Invasive Species Management Area

2021/2022 Treatments: Melaleuca (*Melaleuca quinquenervia*)

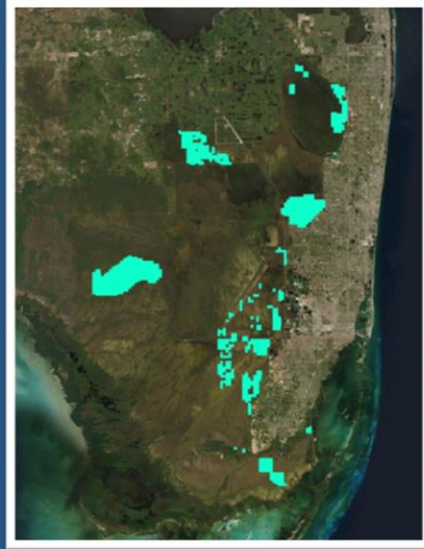
Treatments in:

- Big Cypress National Preserve
- Broward County
- FWC (ECWMA)
- Everglades National Park & HID
- USFW (Loxahatchee)
- SFWMD

Acres Swept: 270,509

Acres Treated: 6,750

Treatment Costs: \$5,584,605.37



Operations Updates



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Breakout Sessions



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Progress on WCA 1
Tree Islands



Update on Everglades Restoration

Drew Bartlett, Executive Director SFWMD

Florida Fish and Wildlife Conservation Commission Invasive Plant Management Section

Funding for Invasive Plant Control ECISMA Footprint

July 1, 2024 to June 30, 2025

Everglades NP - \$274,123

Loxahatchee - \$2,000,000

Melaleuca SFWMD - \$1,000,000

Miami-Dade - \$449,917

Broward - \$145,671

Seminole Tribe – \$357,703

Big Cypress NP - \$248,600



1 Year

\$4,476,016.00

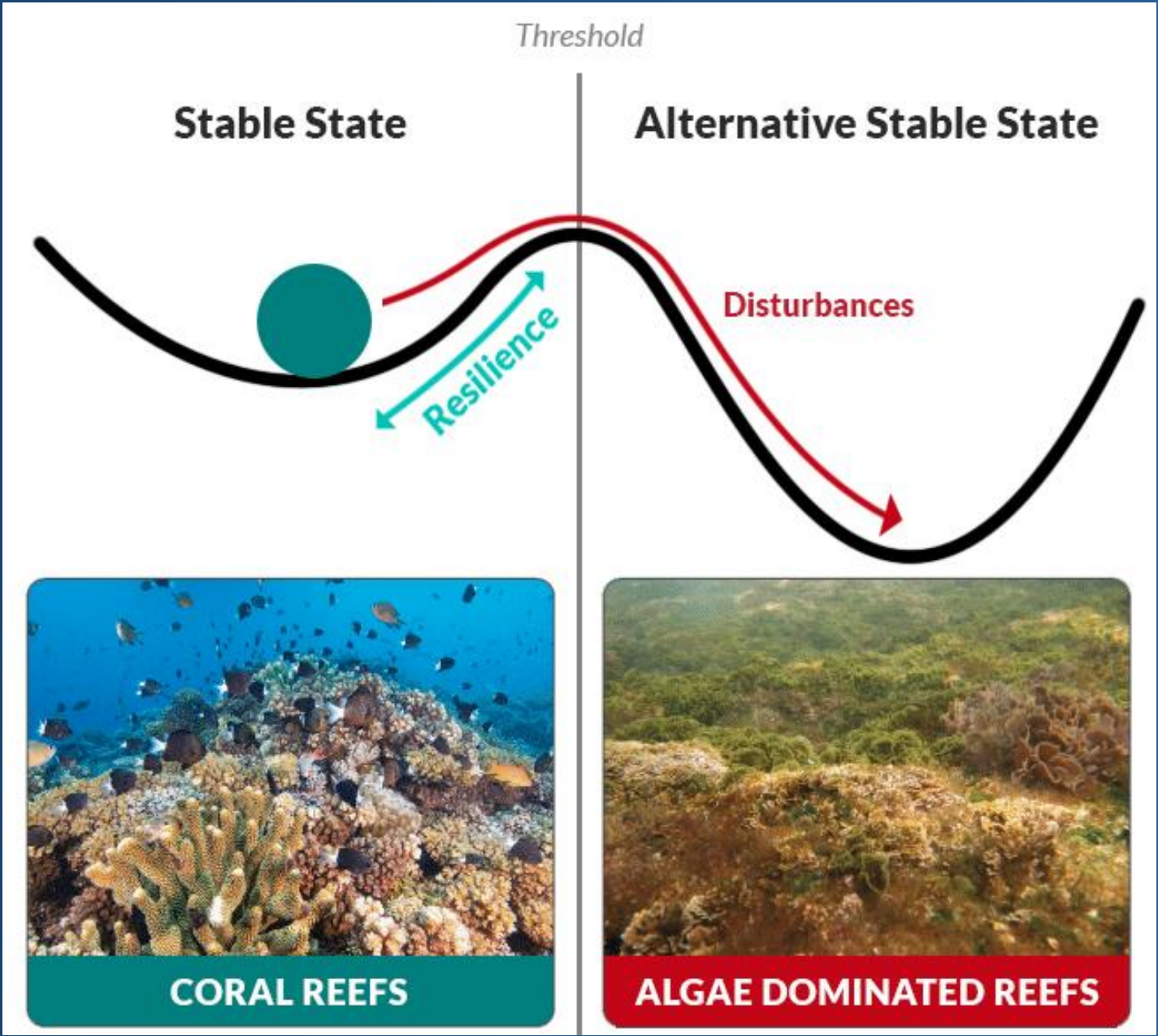


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RESILIENCE



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The Great Brain Drain



Jonathan Taylor, ENP



Sue Alspach, FDACS



Jeff Kline, ENP



Rolf Olsen, USFWS



Billy Snyder, BCNP



John Galvez, USFWS



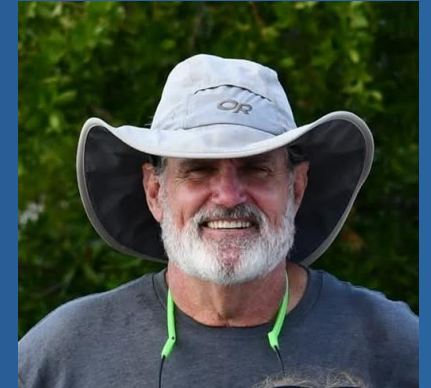
Laura Brandt, USFWS



Carrie Beeler, DOI



Nick Aumen, USGS





Jim Duquesnel, FDEP






**JOIN TC & ECISMA FOR
THE
JUNO DUNES ACAMA
ROUNDUP**
A JOINT INVASIVE ANIMAL
WORKDAY



May 14th, 2025
9 am ~ 4 pm
Juno Dunes Natural Area
Oceanfront Tract
14200 South U.S. Highway 1, Juno Beach, FL

Volunteers will be using traps and nets to catch and remove invasive agamas from the habitat.

To register email Scott Tedford at stedford@martin.fl.us. Only 20 spots available!!



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Lumnitzera racemosa Workdays



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Non-native Species Prioritization Workshop



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Galaxy Scrub Invasive Plant Work Day



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2025 Everglades CISMA Partners of the Year



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Eric Suarez, University of Florida, Croc Docs Lab



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William "Bill" Thomas II, US Fish and Wildlife Service



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Everglades CISMA Lifetime Achievement



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ECISMA Lifetime Achievement Award

Dr. Frank J. Mazzotti

- Over 25 years studying invasive species (50 years studying crocodylians)
- More than 200 publications
- Research cited over 2,500 times
- 143 projects, 25 M in funding past 10 years
- 13 graduate students and counting
- Started EIRAMP, first regional EDRR & monitoring network for South Florida
- Integral to getting invasive species into CEMs
- Presentation on this & more today!



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Everglades Cooperative Invasive Species Management Area Support the Friends of ECISMA - Use Amazon Smile



FOE inc.

www.smile.amazon.com



UF UNIVERSITY of FLORIDA



Think Locally, Act neighborly
invasive species know no boundaries!



Thank you Partners!

